

Docket No.: 43888-127

DT17 C'd PCT/PTO 18 JUL 2002 Receipt
PCT

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Makoto UCHIDA, et al. :
Serial No.: 10/069,459 : Group Art Unit: 1745
Filed: February 26, 2002 : Examiner:
For: METHOD FOR PRODUCING A MEMBRANE ELECTRODE ASSEMBLY, AND METHOD
FOR PRODUCING A SOLID POLYMER ELECTROLYTE FUEL CELL

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Washington, DC 20231

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Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the title on the official filing receipt is incorrect. Attached is a copy of the International Published application which evidences the title should read: **METHOD FOR PRODUCING FILM ELECTRODE JOINTED PRODUCT AND METHOD FOR PRODUCING SOLID POLYMER TYPE FUEL CELL.** It is requested that a corrected filing receipt be issued.

Respectfully submitted,

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/069,459	02/26/2002	45	RECEIVED	43888-127	2	15	2

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CONFIRMATION NO. 3380
REPLACEMENT FILING RECEIPT



OC000000007985586

Date Mailed: 04/30/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Domestic Priority data as claimed by applicant

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Projected Publication Date: 08/08/2002

Non-Publication Request: No

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Early Publication Request: No

Title

Method for producing film electrode jointed product and method for producing solid polymer
electrolyte fuel cell

Preliminary Class

429

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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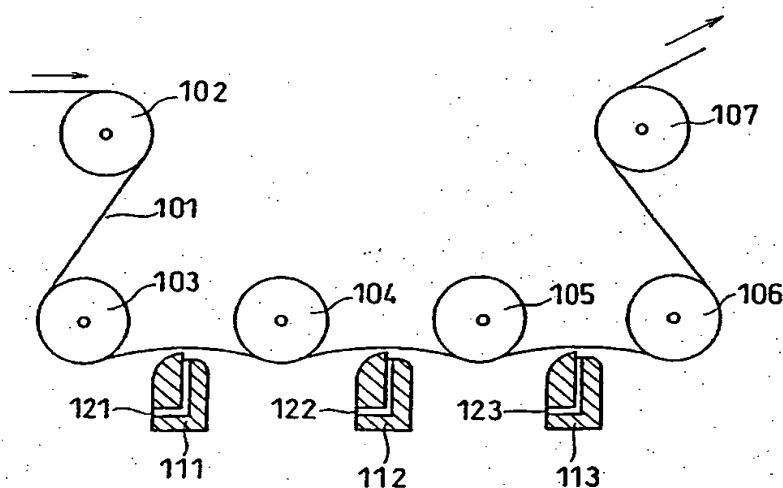
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/続葉有/

(54) Title: METHOD FOR PRODUCING FILM ELECTRODE JOINTED PRODUCT AND METHOD FOR PRODUCING SOLID POLYMER TYPE FUEL CELL

(54) 発明の名称: 膜電極接合体の製造方法及び固体高分子型燃料電池の製造方法



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WO 02/05371 A1

(57) Abstract: A method for producing a film electrode jointed product (1) for a solid polymer type fuel cell which comprises a solid polymer electrolyte film (2) comprising an ion exchange film and, arranged to be opposite to each other via the ion exchange film, a first electrode (3) and a second electrode (4) having respectively a first catalyst layer (31) and a second catalyst layer (41), characterized in that it comprises applying a coating solution containing a catalyst on a substrate film (101), to thereby form the first catalyst layer (31), applying a coating solution having an ion exchange resin dissolved or dispersed therein, to thereby form the ion exchange film, applying a coating solution containing a catalyst thereon, to thereby form the second catalyst layer (41), and at last releasing the substrate film (101) from the resultant laminate. The method allows the continuous and efficient production of the film electrode jointed product (1) for a solid polymer type fuel cell having a catalyst layer of uniform thickness and exhibiting high performance.

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